

9-275-G  
(Rev. 10-81)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Meas. No. ....

Comp. by. ....

WATER RESOURCES DIVISION

Sta. No. .... DISCHARGE MEASUREMENT NOTES Checked by .....

*Onyx River @ vanda*  
Date *12/15*, 19 *95* Party *HIT*

Width *20.10* Area *10.677* Vel. *0.453* G. H. *0.191* meters Disch. *4.83* cfs

Method *06* No. secs. *22* G. H. change *0* in *1/2* hrs. Susp. ....

Method coef. *6* Hor. angle coef. *1.0* Susp. coef. .... Meter No. ....

Type of meter *pygmy* Date rated .... Tag checked .....

Meter .... ft. above bottom of wt. Spin before meas.  after

Meas. plots. .... % diff. from. .... rating. Levels obtained. ....

GAGE READINGS					WATER QUALITY MEASUREMENTS	
Time	Inside	ADR	Graphic	Outside	No	Yes
<i>0555</i>	<i>1.80</i>			<i>0.190</i>	<i>0.623</i>	Time .....
<i>0630</i>	<i>1.80</i>			<i>0.192</i>	<i>0.630</i>	Time .....
						Method Used
						EDI .... EWI .... Other. ....
						SEDIMENT SAMPLES
						Time .....
						Method Used
						EDI .... EWI .... Other. ....
						BIOLOGICAL SAMPLES
						Time .....
						Type .....

Check bar. chain found ..... changed to ..... at .....

Wading, cable, ice, boat, upstr., downstr., side bridge. *30* feet, mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow. .... *Fairly even* .....

Cross section .... *Fairly even, sand + gravel* .....

Control .... *clean* .....

Gage operating  Weather .....

Intake/Orifice cleaned ..... Air ..... °C@ ..... Water ..... °C@ .....

Record removed ..... Extreme Indicator: Max. .... Min. ....

Manometer N<sub>2</sub> Pressure Tank ..... Feed ..... Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks *almost all flow in U-notch or over plywood side extensions*

G.H. of zero flow *0.50* ft. depth on U-notch Sheet No. .... of .... sheets



River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
low 0620	1.9		0.15		0	40					
	3.0		0.55		18	41.3					.85
	3.8		0.50		25	40.7					
	4.6		0.50		25	40.6					
	5.4		0.55		17	40.8					.90
	6.2		0.65		15	41.0					.92
	7.0		0.65		13	46.4					.94
	7.8		0.60		10	41.9					
	8.6		0.65		12	44.2					.96
	9.4		0.65		14	40.5					.97
	10.2		0.70		14	42.2					.98
	11.0		0.80		19	41.6					.99
	11.8		0.90		28	41.6					
	12.6		0.85		23	41.8					
o	13.4		0.80		17	43.3					1.00
	14.2		0.80		21	44.3					
	15.0		0.70		18	46.6					
	15.8		0.70		22	43.4					.99
	16.6		0.60		24	42.3					.98
	17.4		0.35		16	41.2					.97
	18.5		0.20		16	41.7					.96
low 0623	22.0		0		0	40					.94
											.92
											.90
											.85
											.80